

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dietmar Straussnigg et al. Art Unit : 2644
Serial No. : 09/914,417 Examiner : Jefferey F. Harold
Filed : December 18, 2001
Title : NON-LINEAR ECHO CANCELLATION IN DISCRETE MULTI-TONE
SYSTEMS

Mail Stop Issue Fee

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER THE RULE 37CFR 1.98(d)

Copies of the references listed on the attached form PTO-1449 are enclosed. A copy of a communication from a foreign patent office in a counterpart application dated October 22, 2004 is also enclosed.

The references cited in the Form 1449 are believed to be U.S. equivalents to those cited in the enclosed Japanese office action.

A check for \$180 in payment of the late submission fee of C.F.R. § 1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: January 5, 2005


Faustino A. Lichauro
Reg. No. 41,942

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906
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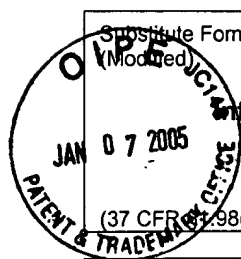
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 Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12816-025001	Application No. 09/914,417
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Applicant Dietmar Straussnigg et al.		Group Art Unit 2644
(37 CFR 1.98(b))		Filing Date December 18, 2001	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,181,714	1/30/2001	Isaksson et al.			
	AB	4,792,915	12/20/1988	Adams et al.			
	AC	6,574,336	06/03/2003	Kirla			
	AD	5,787,113	07/28/1998	Chow et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	Japanese Office Action dated October 22, 2004
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	